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**CPY - IMNE-N**

**- NACO-N**

**DC - W01**

**FS - EPI**

**IC - H04L12/28**

**IN - PARK J H; YANG S H**

**MC - W01-A06**

**PA - (IMNE-N) IMNETPIA CO LTD**

**- (NACO-N) NAT COMPUTERIZATION AGENCY**

**PN - KR2002023918 A 20020329 DW200266 H04L12/28 001pp**

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**AB - KR2002023918 NOVELTY - A fast hand-off method using a beacon message based on a wireless LAN(Local Area Network) is provided to minimize the loss of user data and perform a fast hand-off by previously obtaining the beacon message including information to a new network under IPv6 environment based on the wireless LAN and mobile IPv6 environment.**

**- DETAILED DESCRIPTION - In case that a user terminal moves to a new network, a current access router and a hand-off object access router periodically transmit a beacon message including power strength measurement information and prefix information to the user terminal(S101,S102). The user terminal receives the beacon message, periodically compares a power strength of the current access router and a power strength of the hand-off object access router, and judges whether a hand-off is performed(S103). If it is judged as the hand-off, an address is generated for a routing with the hand-off object access router using prefix information and the hand-off is performed using the generated address.**

**- (Dwg.1/10)**

**IW - FAST HAND METHOD BEACON MESSAGE BASED WIRELESS LAN**

**IKW - FAST HAND METHOD BEACON MESSAGE BASED WIRELESS LAN**

**INW - PARK J H; YANG S H**

**NC - 001**

**OPD - 2001-12-29**

**ORD - 2002-03-29**

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**TI - Fast hand-off method using beacon message based on wireless lan**